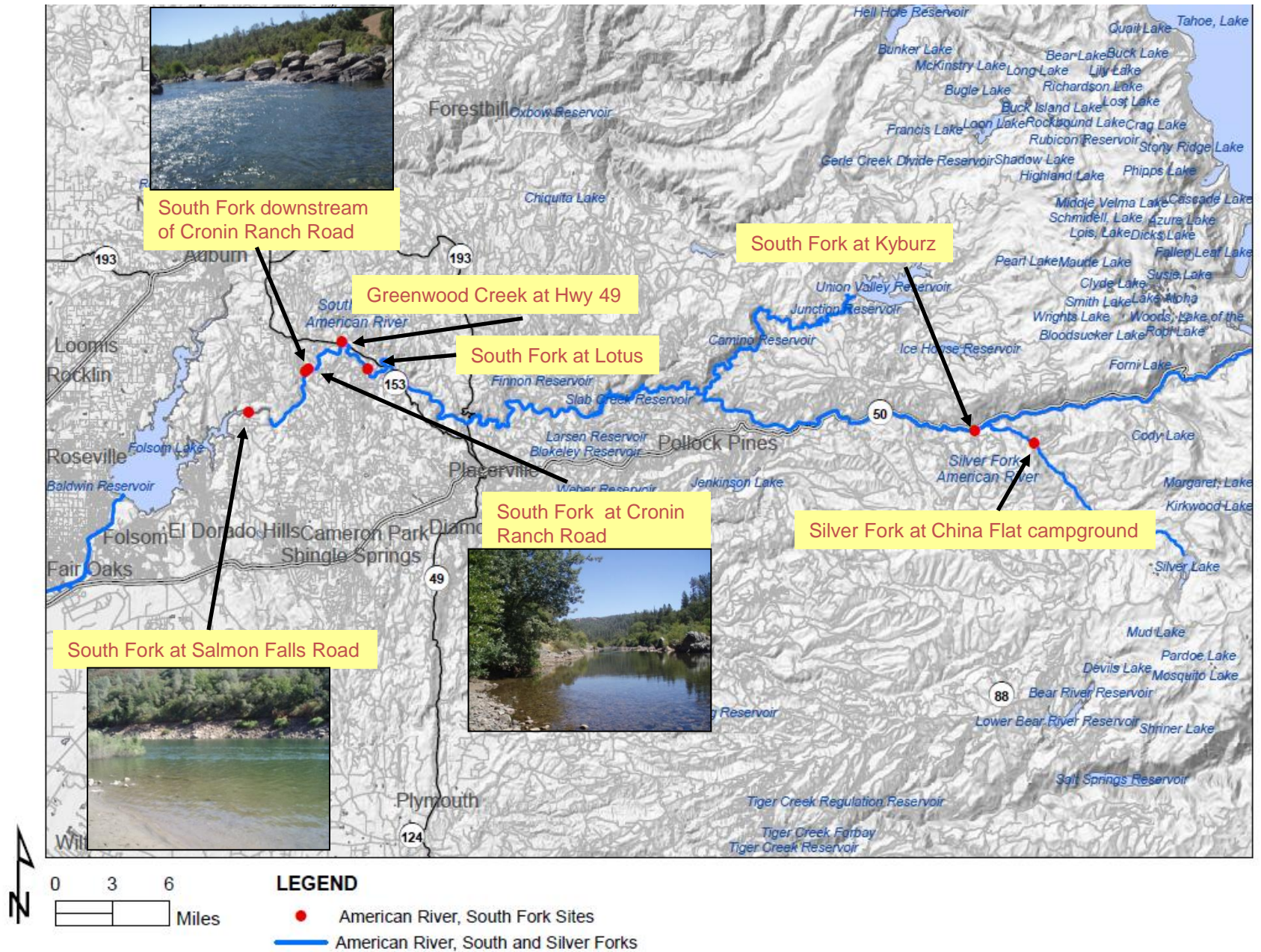
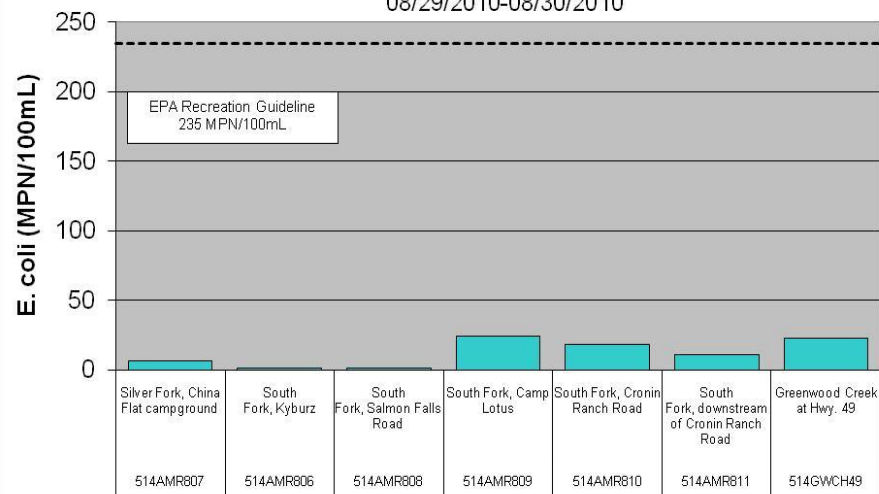


# SWAMP Safe-To-Swim Study August-September 2010

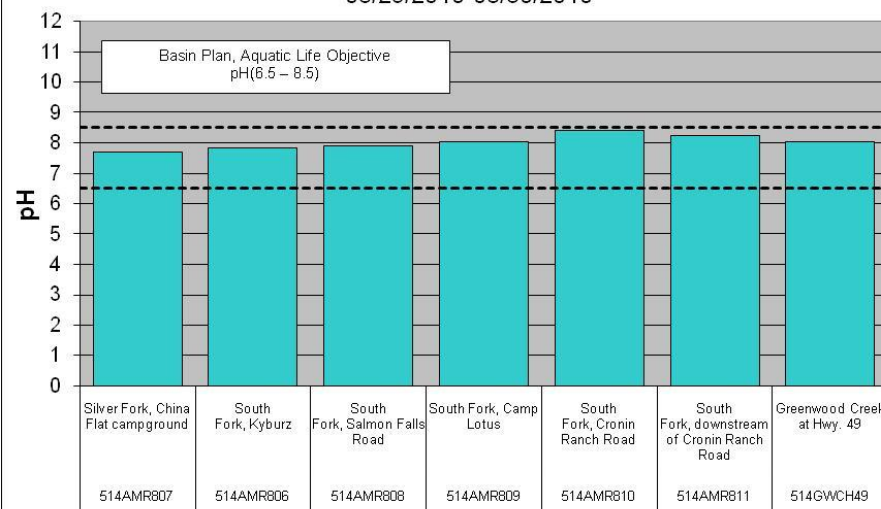
## Sample Sites for the Silver and South Fork American River Watersheds (El Dorado County)



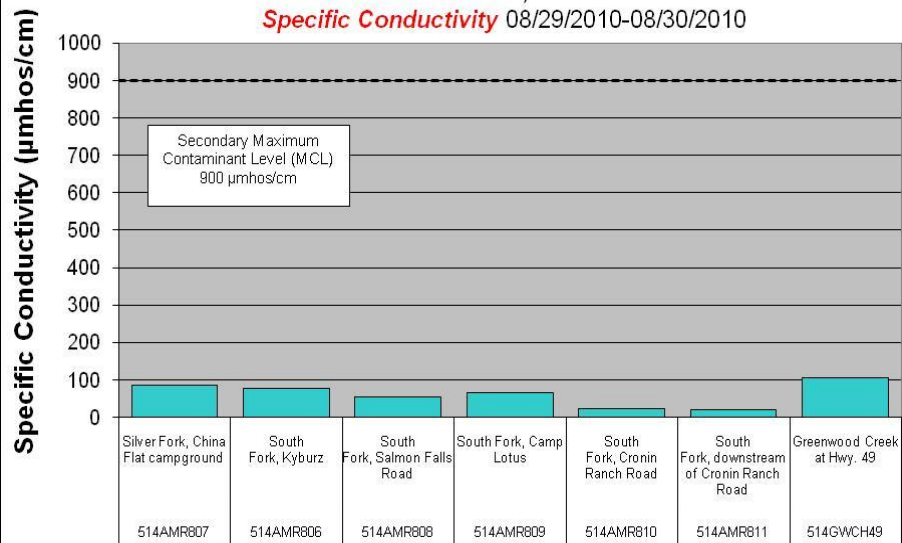
**American River Watershed, South & Silver Forks - *E. coli***  
08/29/2010-08/30/2010



**American River Watershed, South & Silver Forks- *pH***  
08/29/2010-08/30/2010



**American River Watershed, South & Silver Forks - *Specific Conductivity***  
08/29/2010-08/30/2010



**American River Watershed, South & Silver Forks - *Turbidity***  
08/29/2010-08/30/2010



**Unit measurements:**

MPN/100mL = Most Probable Number per 100 milliliters    mg/L = milligrams per Liter    µmhos/cm = micromhos per centimeter    °C = degrees Celcius    NTU = Nephelometric Turbidity Units

Constituent	Water Quality Guideline	Silver and South Fork American River Watershed Sample Sites						
		Silver Fork, China Flat Camp-ground (8/29/10)	South Fork, Kyburz (8/29/10)	South Fork, Salmon Falls Road (8/30/10)	South Fork, Camp Lotus (8/30/10)	South Fork, Cronin Ranch Road (8/30/10)	South Fork, Down-stream of Cronin Ranch Road (8/30/10)	Greenwood Creek at Hwy 49 (8/30/10)
Total Coliform (MPN/100mL)	NA	686.7	1046.2	1413.6	648.8	365.4	290.9	770.1
E. coli (MPN/100 mL)	<235 MPN/100mL (USEPA Contact Recreation Guideline)	6.3	1	1	24.3	18.7	11	23
pH	6.5-8.5 (Basin Plan Objective) <sup>2</sup>	7.67	7.83	7.87	8.03	8.41	8.23	8.01
Specific Conductivity (µmhos/cm)	≤900 µmhos/cm (Secondary Maximum Contaminant Level) <sup>1</sup>	85	77	56	67	23	22	106
Turbidity (NTU)	NA	0.81	0.78	4.73	0.69	1.60	0.95	0.83